

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	10/820,843	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/08 18:11
L2	20	DUJON-BERNARD	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/08 18:11
L3	2	L2 and (site directed break).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	ON	2007/05/08 18:14
L4	4	L2 and (double strand break).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	ON	2007/05/08 18:14
L5	290	I-Sce\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/08 18:14
L6	4	I-Sce\$5 NEAR (double strand break)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	ON	2007/05/08 18:15
L7	9	L2 and (site directed).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	ON	2007/05/08 18:16
L8	657	intron endonuclease	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2007/05/08 18:17
L9	133255	site direct\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	ON	2007/05/08 18:17
L12	23	18 19	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/08 18:18
L13	396	18 AND 19	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/08 18:18

## EAST Search History

L14	7	(I8 AND I9).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/08 18:19
L15	213	I-SceI	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/08 18:19
L16	45	I-SceI.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT.	SAME	ON	2007/05/08 18:22
L19	40	I16 and I9	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/08 18:22
L20	5	I16 I9	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	ON	2007/05/08 18:22

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(FILE 'HOME' ENTERED AT 18:28:05 ON 08 MAY 2007)

FILE 'MEDLINE, SCISEARCH, CAPLUS, BIOSIS' ENTERED AT 18:28:21 ON 08 MAY 2007

L1 3068 S INTRON (L) ENDONUCLEASE  
L2 137844 S SITE DIRECT?  
L3 31 S L1 (L) L2  
L4 14 DUP REM L3 (17 DUPLICATES REMOVED)  
L5 14 SORT L4 PY  
L6 761 S I-SCEI OR I(1W)SCE(1W)I  
L7 34935 S HOMOLOG? RECOMB?  
L8 172057 S L7 OR L2  
L9 102 S L8 (L) L1  
L10 272 S L8 (L) L6  
L11 357 S L9 OR L10  
L12 150 DUP REM L11 (207 DUPLICATES REMOVED)  
L13 5 S L12 AND PY<=1992  
E DUJON BERNARD?/AU  
L14 239 S E1  
L15 9 S L14 AND L12  
L16 9 FOCUS L15 1-

=> d ti so au ab pi l16 1-9

L16 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN

TI Nucleotide sequence encoding yeast restriction endonuclease I-  
**SceI** and uses in genetic mapping and **site-**  
**directed** gene recombination

SO U.S., 84 pp., Cont.-in-part of U.S. 5,792,632.  
CODEN: USXXAM

IN **Dujon, Bernard**; Choulika, Andre; Perrin, Arnaud; Nicolas,  
Jean-Francois

AB The present invention relates to an isolated yeast DNA encoding the  
restriction endonuclease I-**SceI**, and use of I  
-**SceI** for mapping eukaryotic genomes and for in vivo  
**site directed** genetic recombination. Specifically, the  
invention relates to a vector comprising a plasmid, bacteriophage, or  
cosmid vector containing the DNA sequence of the enzyme I-  
**SceI**. The invention also relates to E. coli, eukaryotic cells  
transformed with a vector of the invention, transgenic animal with the DNA  
sequence encoding I-**SceI**. The invention relates to a  
transgenic organism in which at least one restriction site for the enzyme  
I-**SceI** has been inserted in a chromosome of the  
organism. The invention further relates to methods for gene mapping in  
yeast chromosome, yeast artificial chromosome, and cosmids, and  
**site-directed** insertion of genes.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6395959	B1	20020528	US 1996-643732	19960506
	US 5474896	A	19951212	US 1992-971160	19921105
	US 5792632	A	19980811	US 1994-336241	19941107
	US 2003182670	A1	20030925	US 2002-152994	20020523